



# CHROMAFLUX

User Guide



[www.elitescreens.com](http://www.elitescreens.com)

Elite Screens Inc | Elite Screens China Corp. | Elite Screens Europe GMBH | Elite Screens France S.A.S | Elite Screens Taiwan Ltd. | Elite Screens Japan Corp.



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### Contact Information:

Contact information and product-related information should be directed to the Web site the query, you will get the most complete information content.

[www.elitescreens.com/chromaflux](http://www.elitescreens.com/chromaflux)

### Warranty

- A. Elite Screens Inc provides a standard 2 year warranty for ChromaFlux Screen Paints
- B. Elite Screens Inc does not assume any responsibility if application procedures and/or methods are not followed according to the user guide
- C. Elite Screens Inc is not responsible for any damage during shipping or any other responsibility besides the product itself
- D. If any damages and/or unusual sediments are found, contact Elite Screens immediately
- E. Any product that is determined to be defective will be replaced
- F. Upon verification of a genuine Elite Screens Inc ChromaFlux product, Elite Screens reserves the right to decline product replacement and/or product service
- G. Elite Screens has the exclusive right to further explain this warranty and other associated product documentations



# I. Roller-type Instructions

## 1. Uses

- A. Allows theater-level 3D to be enjoyed in the comfort of your own home

## 2. Applications

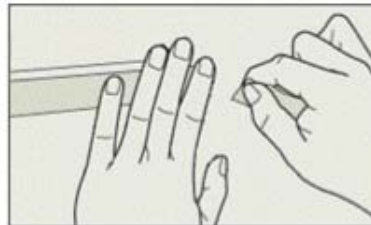
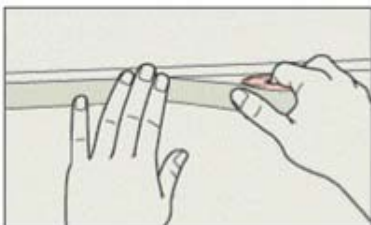
- A. DIY home-theaters
- B. Professional/commercial

## 3. Instructions for the Roller-type paint

- A. Prepare the following items:

Item	Article	Notes
1.	Paint stirring stick	
2.	Roller	We recommend using synthetic covers
3.	Paint tray	
4.	Linen gloves	
5.	Masks	
6.	Low-adhesive painters tape	For borders and details
7.	Masking film	Use liberally to avoid spills and drips
8.	Long-sleeve protective clothing	Unwanted clothing in case of stains
9.	Dry-wall putty	if the wall is not flat when preparing
10.	Dry-wall knife	If the wall is not flat when preparing
11.	Latex-primer	
12.	Sandpaper	500 grit

- B. Make sure the area is well ventilated. Keep windows open if present.
- C. Check to see that the surface is not deteriorating and that cracks are not present.  
(This will drastically affect the image quality)
- D. If the surface is not uniformly smooth, apply dry-wall mud and smoothen it with a dry-wall knife.
- E. Sand the surface with 500-grit sandpaper.
- F. A clean, free-of-dust surface is desired, so, using a clean, damp cloth, wipe the sanded area until dust is completely removed.  
(Wait for the surface to dry completely)
- G. While waiting for the surface to dry, you can use this time to cover nearby furniture and belongings with cardboard, newspaper or masking film to avoid unwanted spills.
- H. Using masking tape, tape off the border of the desired size and shape of your projection screen.  
(Suggestion: Using your projector, project an image onto the surface. Aim, zoom and focus the image until the desired size and location is obtained. Mask the outside perimeter of this image.)
- I. Apply appropriate primer and let dry



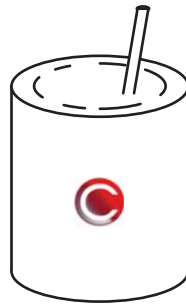


## I. Roller-type Instructions (continued)

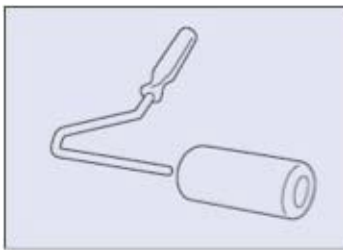
- I. Put on protective gear: gloves, mask, and long-sleeve clothing.



- J. Open the paint, and, using the paint stirring stick, stir the paint for 3-5 minutes.  
(If there is a separation of the paint and its pigment, there is no need to worry as this is normal. Stirring will greatly reduce the amount of separation.)



- K. If this is your first time using ChromaFlux, we recommend that you take the time to become familiar with the equipment and paint. Find a scrap piece of cardboard or plywood and test to learn the consistency of the paint.
- L. Use your gloves to sweep off the any lint or excess threads off of your roller cover, and then place the roller cover onto your roller.



- M. Pour the paint into a paint bucket or tray.



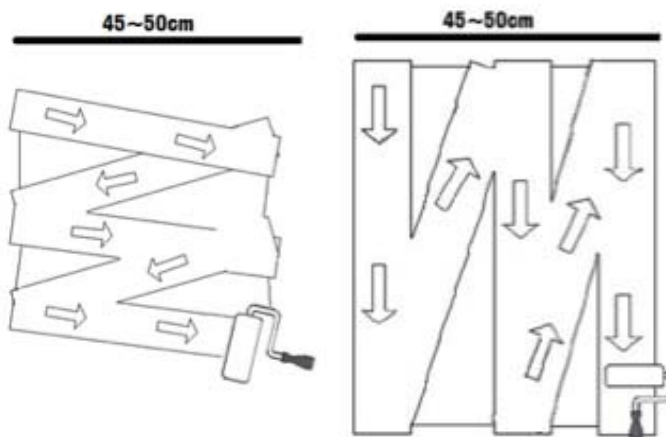


## I. Roller-type Instructions (continued)

- N. Immerse the roller into the paint. Using either a filter or tray, roll the brush back and forth in an attempt to get the paint as evenly spread on the cover as possible.



- O. Brush the first coat horizontally from left to right. Wait about 5-10 minutes before applying the second coat vertically from top to bottom. Use uniform pressure and speed while rolling the paint.



- P. After 30 minutes, remove the painters tape.  
*(In order to avoid the deterioration of the painters tape, do not wait longer than 8 hours to remove.)*

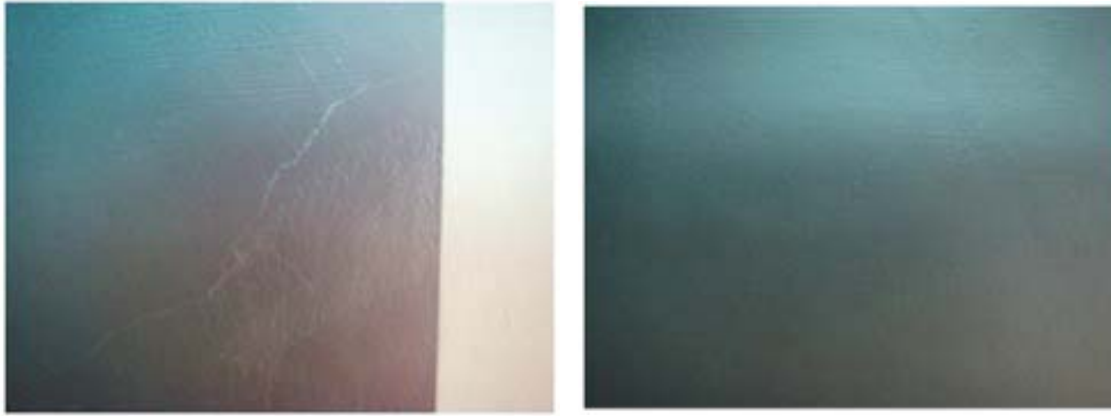


- Q. Paint will take 12 hours to dry completely; however, the solvents will take 3-5 days to set in a ventilated environment.
- R. After completion, discard any newspaper, film or cardboard used to shield furniture, walls, or appliances.



## I. Roller-type Instructions (continued)

- S. If there is leftover paint after the project, pour it back into the can and close tightly. Keep this away from excess heat and sources of ignition. This can be used for repair within the next 6 months.



### 4. Safety Precautions:

- A. This product is flammable and should be kept away from sources of ignition. Please store this in a dry, cool place. Do not smoke near this product during application or storage.
- B. Please ensure that the area of application is well-ventilated. In conditions, such as basements, measures to strengthen air circulation should be taken.
- C. It is recommended to wear glove, mask and protective clothing to avoid excess contact and inhalation of this paint.
- D. If this product makes contact with eyes, rinse immediately with water and contact a physician immediately.
- E. Keep out of reach of children.
- F. The use of this product will produce strong odors. These odors should gradually dissipate within 3-5 days.
- G. If ingested, do not induce vomiting. Drink and gargle large amounts of water and contact a physician immediately.
- H. If in the course of using this product an allergic reaction should occur, discontinue the use of the product and contact a physician immediately.
- I. Avoid the puncturing of this products container.
- J. For more details, please refer to the ChromaFlux Material Data Safety Sheet.



## I. Roller-type Instructions (continued)

### 5. Hazard Prevention Measures:

- A. Wear gloves, masks, and long sleeved clothing to avoid excessive direct contact and inhalation of volatile gases.
- B. Store this product in a cool and well ventilated place. Tightly cover the container and avoid prolonged exposure to this substance.
- C. Smoking nearby this product should be avoided to prevent ignition.
- D. If contact is made with the eyes, wash with large amounts of water and contact a physician.
- E. Wear protective clothing while applying this product. Once contaminated, do not reuse.
- F. If discomfort is felt, discontinue use and please contact your physician.
- G. Please dispose of this product according to local laws.

### 6. Hazard warning signal:

- A. Highly flammable liquid and vapors.
- B. Harmful if swallowed.
- C. May cause eye and skin irritation.
- D. Respiratory tract may be fatal if swallowed and ingested.
- E. Instantaneous high concentration could cause liver and kidney damage.





# I. Roller-type Instructions (continued)

## 7. Product Specifications

Item	Description	Specifications	Notes
1.	Color Display	Silver	
2.	Thickness	0.3~0.5mm	Recommended thickness
3.	Material	Acrylic resin	
4.	Weight	1.89kg/SET	
5.	Temperature	15°C (~50°C)	
6.	Gain	4.0	
7.	Viewing Angle	80°	
8.	B-Type Proportion	0.95/CM <sup>3</sup>	

## 8. Proposed usage tables

4:3				
Diagonal (inch)	W (in)	H (in)	Square feet	Cans needed
40	31.9	24.0	5.3	1
50	41.7	30.0	8.7	1
60	48.0	36.0	12.0	1
70	56.0	42.0	16.3	1
80	64.0	48.0	21.3	1
90	72.0	54.0	27.0	1
100	80.0	60.0	33.3	1
110	88.0	66.0	40.3	1
120	96.0	72.0	48.0	1
130	104.0	78.0	56.3	1
140	112.0	84.0	65.4	2
150	120.0	90.0	75.0	2
160	128.0	96.0	85.3	2
170	136.0	102.0	96.3	2
180	144.0	108.0	108.0	2
190	152.0	114.0	120.4	2
200	160.0	120.0	133.3	3

16:9				
Diagonal (inch)	W (in)	H (in)	Square feet	Cans needed
50	43.6	24.5	7.4	1
60	52.3	29.4	10.7	1
70	61.0	34.3	14.5	1
80	69.7	39.2	19.0	1
90	78.4	44.1	24.0	1
100	87.2	49.0	29.7	1
110	95.9	53.9	35.9	1
120	104.6	58.8	42.7	1
130	113.3	63.7	50.2	1
140	122.0	68.6	58.1	1
150	130.7	73.4	66.7	2
160	139.4	78.4	75.9	2
170	148.1	83.3	85.7	2
180	156.9	88.2	96.1	2
190	165.6	93.1	107.1	2
200	174.3	98.0	118.7	2

4:3				
Diagonal (mm)	W (mm)	H (mm)	Square meter	Cans needed
40	810.0	610.0	0.5	1
50	1060.0	762.0	0.8	1
60	1219.0	914.0	1.1	1
70	1422.0	1067.0	1.5	1
80	1626.0	1219.0	2.0	1
90	1829.0	1372.0	2.5	1
100	2032.0	1524.0	3.1	1
110	2235.0	1676.0	3.7	1
120	2438.0	1829.0	4.5	1
130	2642.0	1981.0	5.2	1
140	2845.0	2134.0	6.1	2
150	3048.0	2286.0	7.0	2
160	3251.0	2438.0	7.9	2
170	3454.0	2591.0	8.9	2
180	3658.0	2743.0	10.0	2
190	3861.0	2896.0	11.2	2
200	4064.0	3048.0	12.4	3

16:9				
Diagonal (mm)	W (mm)	H (mm)	Square meter	Cans needed
50	1107	623	0.690	1
60	1328	747	0.992	1
70	1549	872	1.351	1
80	1771	996	1.764	1
90	1992	1121	2.233	1
100	2214	1245	2.756	1
110	2435	1370	3.336	1
120	2656	1494	3.968	1
130	2878	1619	4.659	1
140	3099	1743	5.402	1
150	3320	1867	6.202	2
160	3542	1992	7.056	2
170	3763	2117	7.966	2
180	3984	2241	8.928	2
190	4206	2366	9.951	2
200	4427	2490	11.023	2





## II. Sprayed-related Instructions

### 1. Uses

- A. Allows theater-level 3D to be enjoyed in the comfort of your own home

### 2. Construction method:

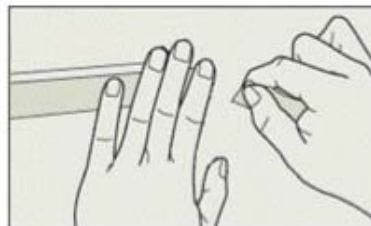
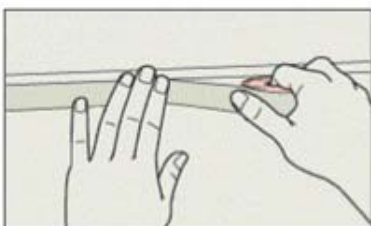
- A. DIY home-theaters
- B. Professional/commercial

### 3. Instructions for the spray-type paint

- A. First prepare the following items

Item	Article	Notes
1.	Paint stirring stick	
2.	Linen gloves	
3.	Masks	
4.	Low-adhesive painters tape	For borders and details
5.	Paint dust cover fabric	Used in a wide range
6.	Long sleeve protective wear	Ready to be discarded clothing
7.	Masking film	Use liberally to avoid spills and drips
8.	Long sleeve protective clothing	Unwanted clothing in case of stains
9.	Dry-wall putty	If the wall is not flat when preparing
10.	Pneumatic motors	
11.	Transport air tube	
12.	Spray gun	
13.	Primer	

- B. Make sure the area is well ventilated. Keep windows open if present.
- C. Check to see that the surface is not deteriorating and that cracks are not present.  
(This will drastically affect the image quality)
- D. If the surface is not uniformly smooth, apply dry-wall mud and smoothen it with a dry-wall knife.
- E. Sand the surface with 500-grit sandpaper.
- F. A clean, free-of-dust surface is desired, so, using a clean, damp cloth, wipe the sanded area until dust is completely removed.  
(Wait for the surface to dry completely)
- G. While waiting for the surface to dry, you can use this time to cover nearby furniture and belongings with cardboard, newspaper or masking film to avoid unwanted spills.
- H. Using masking tape, tape off the border of the desired size and shape of your projection screen.  
(Suggestion: Using your projector, project an image onto the surface. Aim, zoom and focus the image until the desired size and location is obtained. Mask the outside perimeter of this image.)
- I. Apply appropriate primer and let dry



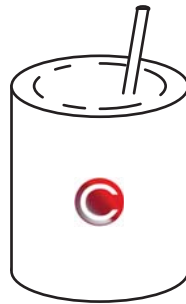


## II. Sprayed-related Instructions (continued)

- I. Put on protective gear: gloves, mask, and long-sleeve clothing.



- J. Open the paint, and, using the paint stirring stick, stir the paint for 3-5 minutes.  
(If there is a separation of the paint and its pigment, there is no need to worry as this is normal. Stirring will greatly reduce the amount of separation.)



- K. If this is your first time using ChromaFlux, we recommend that you take the time to become familiar with the equipment and paint. Find a scrap piece of cardboard or plywood and test to learn the consistency of the paint.
- L. Spray the paint within the masked off area.  
(Refer to the spray gun and compressor's user manuals to determine its proper method of usage)



- M. After 30 minutes, remove the painters tape.  
(In order to avoid the deterioration of the painters tape, do not wait longer than 8 hours to remove.)
- N. Paint will take 12 hours to dry completely; however, the solvents will take 3-5 days to set in a ventilated environment.
- O. After completion, discard any newspaper, film or cardboard used to shield furniture, walls, or appliances.
- P. If there is leftover paint after the project, pour it back into the can and close tightly. Keep this away from excess heat and sources of ignition. This can be used for repair within the next 6 months.



## II. Sprayed-related Instructions (continued)

### 4. Safety Precautions:

- A. This product is flammable and should be kept away from sources of ignition. Please store this in a dry, cool place. Do not smoke near this product during application or storage.
- B. Please ensure that the area of application is well-ventilated. In conditions, such as basements, measures to strengthen air circulation should be taken.
- C. It is recommended to wear glove, mask and protective clothing to avoid excess contact and inhalation of this paint.
- D. If this product makes contact with eyes, rinse immediately with water and contact a physician immediately.
- E. Keep out of reach of children.
- F. The use of this product will produce strong odors. These odors should gradually dissipate within 3-5 days.
- G. If ingested, do not induce vomiting. Drink and gargle large amounts of water and contact a physician immediately.
- H. If in the course of using this product an allergic reaction should occur, discontinue the use of the product and contact a physician immediately.
- I. Avoid the puncturing of this products container.
- J. For more details, please refer to the ChromaFlux Material Data Safety Sheet.



## II. Sprayed-related Instructions (continued)

### 5. Hazard Prevention Measures:

- A. Wear gloves, masks, and long sleeved clothing to avoid excessive direct contact and inhalation of volatile gases.
- B. Store this product in a cool and well ventilated place. Tightly cover the container and avoid prolonged exposure to this substance.
- C. Smoking nearby this product should be avoided to prevent ignition.
- D. If contact is made with the eyes, wash with large amounts of water and contact a physician.
- E. Wear protective clothing while applying this product. Once contaminated, do not reuse.
- F. If discomfort is felt, discontinue use and please contact your physician.
- G. Please dispose of this product according to local laws.

### 6. Hazard warning signal:

- A. Highly flammable liquid and vapors.
- B. Harmful if swallowed.
- C. May cause eye and skin irritation.
- D. Respiratory tract may be fatal if swallowed and ingested.
- E. Instantaneous high concentration could cause liver and kidney damage.



### 7. Product Specifications

Item	Description	Specifications	Notes
1.	Color Display	Silver	
2.	Thickness	0.3~0.5mm	Recommended thickness
3.	Material	Acrylic resin	
4.	Weight	1.89kg/SET	
5.	Temperature	15°C (~50°C)	
6.	Gain	4.0	
7.	Viewing Angle	80°	
8.	S-Type Proportion	0.91/CM <sup>3</sup>	



## II. Sprayed-related Instructions (continued)

### 8. Proposed usage tables

4:3				
Diagonal (inch)	W (in)	H (in)	Square feet	Cans needed
40	31.9	24.0	5.3	1
50	41.7	30.0	8.7	1
60	48.0	36.0	12.0	1
70	56.0	42.0	16.3	1
80	64.0	48.0	21.3	1
90	72.0	54.0	27.0	1
100	80.0	60.0	33.3	1
110	88.0	66.0	40.3	1
120	96.0	72.0	48.0	1
130	104.0	78.0	56.3	1
140	112.0	84.0	65.4	2
150	120.0	90.0	75.0	2
160	128.0	96.0	85.3	2
170	136.0	102.0	96.3	2
180	144.0	108.0	108.0	2
190	152.0	114.0	120.4	2
200	160.0	120.0	133.3	3

4:3				
Diagonal (mm)	W (mm)	H (mm)	Square meter	Cans needed
40	810.0	610.0	0.5	1
50	1060.0	762.0	0.8	1
60	1219.0	914.0	1.1	1
70	1422.0	1067.0	1.5	1
80	1626.0	1219.0	2.0	1
90	1829.0	1372.0	2.5	1
100	2032.0	1524.0	3.1	1
110	2235.0	1676.0	3.7	1
120	2438.0	1829.0	4.5	1
130	2642.0	1981.0	5.2	1
140	2845.0	2134.0	6.1	2
150	3048.0	2286.0	7.0	2
160	3251.0	2438.0	7.9	2
170	3454.0	2591.0	8.9	2
180	3658.0	2743.0	10.0	2
190	3861.0	2896.0	11.2	2
200	4064.0	3048.0	12.4	3

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Diagonal (inch)	W (in)	H (in)	Square feet	Cans needed
50	43.6	24.5	7.4	1
60	52.3	29.4	10.7	1
70	61.0	34.3	14.5	1
80	69.7	39.2	19.0	1
90	78.4	44.1	24.0	1
100	87.2	49.0	29.7	1
110	95.9	53.9	35.9	1
120	104.6	58.8	42.7	1
130	113.3	63.7	50.2	1
140	122.0	68.6	58.1	1
150	130.7	73.4	66.7	2
160	139.4	78.4	75.9	2
170	148.1	83.3	85.7	2
180	156.9	88.2	96.1	2
190	165.6	93.1	107.1	2
200	174.3	98.0	118.7	2

16:9				
Diagonal (mm)	W (mm)	H (mm)	Square meter	Cans needed
50	1107	623	0.690	1
60	1328	747	0.992	1
70	1549	872	1.351	1
80	1771	996	1.764	1
90	1992	1121	2.233	1
100	2214	1245	2.756	1
110	2435	1370	3.336	1
120	2656	1494	3.968	1
130	2878	1619	4.659	1
140	3099	1743	5.402	1
150	3320	1867	6.202	2
160	3542	1992	7.056	2
170	3763	2117	7.966	2
180	3984	2241	8.928	2
190	4206	2366	9.951	2
200	4427	2490	11.023	2



## III. Diffusion layer coatings

### 1. Product features

After the ChromaFlux 3D has been applied and dried, you can apply the Diffusion Coat for enhanced 2D capabilities

- A. Eliminates hot spotting
- B. Slightly reduces gain
- C. Eliminates snow pattern effects

### 2. Applications

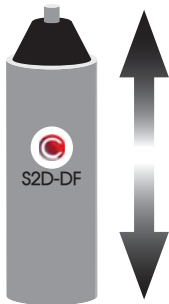
- A. DIY home-theaters
- B. Professional/commercial

### 3. Safety precautions:

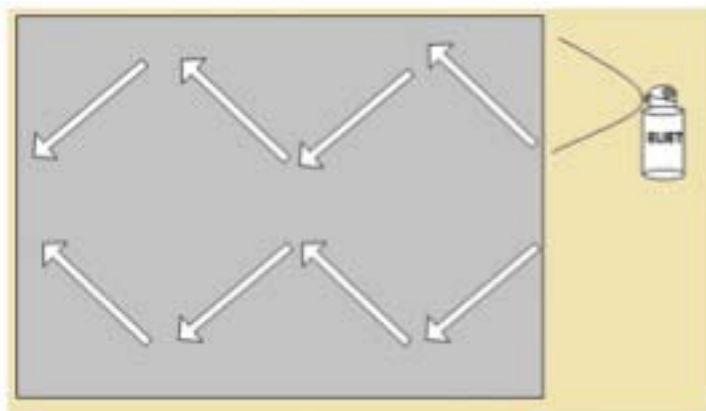
- A. Make sure the area is well ventilated. Keep windows open if present.
- B. Cover nearby furniture and belongings with cardboard, newspaper or masking film to avoid unwanted spills or drip.
- C. Put on gloves and mask before continuing.



- D. Shake the spray can for 10-15 seconds before using.



- E. Spray in alternating strokes. Keep a distance of 3.94"-5.91" (10-15 cm).





### III. Diffusion layer coatings (continued)

- F. Wait 15-20 minutes for this coat to completely dry before using.
- G. Additional coats can be applied if needed.
- H. After completion, discard any newspaper, film or cardboard used to shield furniture, walls, or appliances.

#### 4. Security considerations:

- A. This product is flammable and should be kept away from sources of ignition. Please store this in a dry, cool place. Do not smoke near this product during application or storage.
- B. Please ensure that the area of application is well-ventilated. In conditions, such as basements, measures to strengthen air circulation should be taken.
- C. It is recommended to wear glove, mask and protective clothing to avoid excess contact and inhalation of this paint.
- D. If this product makes contact with eyes, rinse immediately with water and contact a physician immediately.
- E. Keep out of reach of children.
- F. The use of this product will produce strong odors. These odors should gradually dissipate within 3-5 days.
- G. If ingested, do not induce vomiting. Drink and gargle large amounts of water and contact a physician immediately.
- H. If in the course of using this product an allergic reaction should occur, discontinue the use of the product and contact a physician immediately.
- I. Avoid the puncturing of this products container.
- J. For more details, please refer to the ChromaFlux Material Data Safety Sheet.

#### 5. Hazard prevention measures:

- A. Wear gloves, masks, and long sleeved clothing to avoid excessive direct contact and inhalation of volatile gases.
- B. Store this product in a cool and well ventilated place. Tightly cover the container and avoid prolonged exposure to this substance.
- C. Smoking nearby this product should be avoided to prevent ignition.
- D. If contact is made with the eyes, wash with large amounts of water and contact a physician.
- E. Wear protective clothing while applying this product. Once contaminated, do not reuse.
- F. If discomfort is felt, discontinue use and please contact your physician.



### III. Diffusion layer coatings (continued)

#### 6. Hazard warning signal:

- A. Highly flammable liquid and vapors.
- B. Harmful if swallowed.
- C. May cause eye and skin irritation.
- D. Respiratory tract may be fatal if swallowed and ingested.
- E. Instantaneous high concentration could cause liver and kidney damage.



#### 7. Product Specifications

Item	Description	Specifications	Notes
1.	Color Display	Transparent	
2.	Thickness	0.1~~0.2mm	Recommended thickness
3.	Material	Acrylic resin	
4.	Capacity	400ml/SET	
5.	Temperature	15°C (~50°C)	
6.	Gain	3.0	
7.	Viewing Angle	100°	





## Contact Information:

Contact information and product-related information should be directed to the Web site the query, you will get the most complete information content.  
[www.elitescreens.com/chromaflux](http://www.elitescreens.com/chromaflux)



## Warranty

- A. Elite Screens Inc provides a standard 2 year warranty for ChromaFlux Screen Paints
- B. Elite Screens Inc does not assume any responsibility if application procedures and/or methods are not followed according to the user guide
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- D. If any damages and/or unusual sediments are found, contact Elite Screens immediately
- E. Any product that is determined to be defective will be replaced
- F. Upon verification of a genuine Elite Screens Inc ChromaFlux product, Elite Screens reserves the right to decline product replacement and/or product service
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